



**U.S. GEOLOGICAL SURVEY LIBRARY
FIELD RECORDS COLLECTION
DENVER, COLORADO**

VAL LEROY FREEMAN
(1926 -)

NOTES, CORRESPONDENCE, PAPERS

1953 - 1976

(3.1 linear ft. and 6 map folders)

INVENTORY

By

Clay M. Martin
U.S. Geological Survey Field Records Collection
MS 914, Box 25046, Federal Center
Denver, CO 80225-0046
April 2011

Location of Field Notebooks: CS-5: 5-6

GEOLOGY OF PART OF THE TOWNSEND VALLEY, BROADWATER AND JEFFERSON COUNTIES, MONTANA. 1953-1954.

<u>Item Number</u>	<u>Description</u>
NO-02754	V.L. Freeman. Field notebook 1 with geologic notes and sketches and survey data related to field investigation of the Townsend and Radersburg 15' quadrangles. Samples F-1 through F-67. 1953.
NO-02755	V.L. Freeman. Field notebook 2 with geologic notes and sketches and survey data related to field investigation of the Townsend and Radersburg 15' quadrangles. Samples F-68 through F-86. 1953.
NO-02756	V.L. Freeman and H.W. Smedes. Field notebook 3 with geologic notes and sketches and survey data related to field investigation of the Radersburg and Toston 15' quadrangles. 1953.
NO-02757	V.L. Freeman and R.A. Weeks. Field notebook with geologic notes and sketches and survey data related to field investigation of the Radersburg 15' quadrangle. 1954.
NO-02758	Expandable envelope with: <ul style="list-style-type: none"> - Four sheets with geologic cross-section sketches. - Nineteen-page document entitled "Section of Belt rocks in northern part of Limestone Hills". - Sheet with diagram entitled "Interpretations of Late Cretaceous to Recent geologic history". - Group of miscellaneous correspondence related to field investigations and report preparation for the Townsend Valley project. - Draft copy of a location map for the Townsend Valley. - Three sheets with unidentified geologic sketch maps. - Group of 23 annotated field maps composed of enlarged sections of the Radersburg and Townsend 15' quadrangles.
MA-03071	Map folder with seven items: <ul style="list-style-type: none"> - Copy of the Radersburg 15' quadrangle, reproduced, sectioned into two pieces, and mounted on aluminum, with annotations. - Copy of the Townsend 15' quadrangle, reproduced, sectioned into two pieces, and mounted on aluminum, with annotations. - Copy of U.S. Bureau of Reclamation Missouri Basin Project Sheet 35, a topographic-planimetric map of the Townsend-Indian Creek-Limestone Hills area, with annotations. - Two sheets with draft copies of an explanation for a geologic map of the Townsend Valley.

Published as: U.S. Geological Survey. Bulletin 1042-N. 1958.

STRATIGRAPHY OF THE MORRISON FORMATION IN PART OF NORTHWESTERN NEW MEXICO. 1954.

NO-06296 V.L. Freeman. Field notebook and six loose sheets with geologic notes and sketches and measured section data related to field investigations of the Morrison Formation in Bernalillo, McKinley, Sandoval, and Valencia Counties, New Mexico. 1954.

Published as: U.S. Geological Survey. Trace elements investigations report 341. 1954.

Published as: U.S. Geological Survey. Trace elements investigations report 319. 1955.

Published as: U.S. Geological Survey. Bulletin 1030-J. 1956.

GEOLOGY OF THE COMSTOCK-INDIAN WELLS AREA, VAL VERDE, TERRELL, AND BREWSTER COUNTIES, TEXAS. 1956-1964.

NO-02537 V.L. Freeman and J.A. Sharps. Field notebook with geologic notes and sketches and photo, measured section, and sample data related to field work in the Comstock-Indian Wells area and elsewhere in west and southwest Texas, including the Bakers Crossing, Bullis Gap, Del Rio, Dryden Crossing, Indian Wells, Langtry, Malvado, Mouth of Pecos, and Shumla 15' quadrangles. An attached note indicates that pages 1-11 of the notebook were related to Alaska field work and were removed and sent to the Alaskan Geology Branch in Menlo Park, California. 1957-1958.

NO-02538 V.L. Freeman and J.A. Sharps. Field notebook with geologic notes and sketches and photo, measured section, sample, and thin section data related to field work in the Comstock-Indian Wells area and elsewhere in west and southwest Texas, including the Bakers Crossing, Del Rio, Indian Wells, Langtry, Malvado, Mouth of Pecos, and Shumla 15' quadrangles. 1957-1958.

NO-02539 V.L. Freeman. Field notebook with geologic notes and sketches and photo, measured section, and sample data related to field work in the Comstock-Indian Wells area and elsewhere in west and southwest Texas, including the Brackettville, Bullis Gap, Cline, Dryden Crossing, Indian Wells, Langtry, Malvado, Mouth of Pecos, and Shumla 15' quadrangles. 1959.

NO-02540 V.L. Freeman. Field notebook with geologic notes and sketches and photo, measured section, and sample data related to field work in the Comstock-Indian Wells area and elsewhere in west and southwest Texas, including the Bakers

Crossing, Dry Devil, Dryden Crossing, Feely, Indian Wells, Langtry, Malvado, Mouth of Pecos, and Shumla 15' quadrangles. Also included are notes from Coahuila, Mexico. 1960-1962.

- NO-02541 V.L. Freeman. Field notebook with geologic notes and sketches and photo, measured section, and sample data related to field work in the Comstock-Indian Wells area and elsewhere in west Texas, including the Bakers Crossing, Del Rio, Devils Lake, Dryden Crossing, Feely, Langtry, Malvado, Mouth of Pecos, and Shumla 15' quadrangles. 1963-1964.
- NO-02542 V.L. Freeman and J.A. Sharps. Field notebook with geologic notes and sketches and photo, measured section, and sample data related to field work in the Comstock-Indian Wells area and elsewhere in west Texas, including the Dryden Crossing, Langtry, and Malvado 15' quadrangles. 1958-1959.
- NO-02543 Document box with approximately 210 black and white aerial photographs, some with annotations, covering the Bakers Crossing, Indian Wells, Langtry, Malvado, Mouth of Pecos, and Shumla 15' quadrangles. 1948 survey.
- NO-02544 One document box and one expandable envelope with approximately 165 black and white aerial photographs, some with annotations, covering the Bakers Crossing, Del Rio, Devils Lake, Devils River, Dry Devil, Feely, Mouth of Pecos, and Shumla 15' quadrangles. 1950, 1961 surveys.
- NO-06295 Expandable envelope with two folders:
- Folder 1. Group of 18 stratigraphic section descriptions from outcrops in the Comstock-Indian Wells area.
 - Folder 2. Group of sheets with form requesting examination of fossils from the Boquillas and Austin Chalk Formations, with attached three-page table listing sample numbers, stratigraphic positions, and sample locations. 1958.
- NO-06299 V.L. Freeman and J.A. Sharps. Field notebook pages with geologic notes and sketches related to field work in the Comstock-Indian Wells area and elsewhere in west Texas, including the Dryden Crossing, Mouth of Pecos, and Feely 15' quadrangles. Circa 1959.
- MA-03072 Map folder with 26 items:
- One annotated copy, each (except as noted), of the Bakers Crossing (two copies), Bullis Gap, Del Rio (two copies), Devils Lake (three copies), Devils River, Dryden Crossing, Dry Devil, Feely (four copies), Indian Wells, Langtry (two copies), Malvado, Mouth of Pecos (three copies), and Shumla (three copies) 15' quadrangles.
 - Sheet with diagram comparing grade of river gravels in the current bed of the Rio Grande with grades of older gravels.
- MA-00508 Map folder with five items:

- Two version of a an index map of southwest Texas, showing test hole locations in Terrell and Val Verde Counties.
- Geologic map of the Shumla 15' quadrangle, with annotations.
- One reproduced copy, each, of the Feely and Mouth of Pecos 15' quadrangles (scale 1:50,000), with annotations.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-382. 1963.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-386. 1964.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-395. 1964.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-422. 1964.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-424. 1964.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-434. 1965.

Published as: U.S. Geological Survey. Miscellaneous investigations map I-440. 1965.

Published as: U.S. Geological Survey. Professional paper 594-K. 1968.

GEOLOGY OF THE RUEDI AND WOODY CREEK 7.5' QUADRANGLES AND ADJACENT AREAS, PITKIN AND EAGLE COUNTIES, COLORADO. 1965-1970.

- NO-06300 V.L. Freeman. Field notebook 1 with geologic notes and sketches and drill hole and stratigraphic section data related to field investigations in the Meredith, Red Creek, and Ruedi 7.5' quadrangles. 1965.
- NO-06301 V.L. Freeman. Field notebook 2 with geologic notes and sketches and stratigraphic section and sample data related to field investigations in the Basalt, Cottonwood Pass, Meredith, Ruedi, Storm King Mountain, Toner Reservoir, and Woody Creek 7.5' quadrangles. 1965-1967.
- NO-06302 V.L. Freeman. Field notebook 3 with geologic notes and sketches and stratigraphic section data related to field investigations in the Aspen, Basalt, Capitol Peak, Cottonwood Pass, Dotsero, Highland Peak, Leon, Mount Sopris, Red Creek, Redstone, Ruedi, Suicide Mountain, The Seven Hermits, Toner Reservoir, Vail Pass, Wolcott, and Woody Creek 7.5' quadrangles. 1967-1968.
- NO-06303 V.L. Freeman. Field notebook 4 with geologic notes and sketches and stratigraphic section and sample data related to field investigations in the Aspen, Basalt, Highland Peak, Ruedi, Toner Reservoir, and Woody Creek 7.5' quadrangles. 1968.

- NO-06304 V.L. Freeman. Field notebook 5 with geologic notes and sketches and stratigraphic section and sample data related to field investigations in the Aspen, Basalt, Highland Peak, McCoy, Meredith, Ruedi, State Bridge, Stony Ridge, Suicide Mountain, and Woody Creek 7.5' quadrangles. 1968-1969.
- NO-06305 V.L. Freeman. Field notebook 6 with geologic notes and sketches and sample data related to field investigations in the Boreas Pass, Crooked Creek Pass, Meredith, Red Creek, Ruedi, Storm King Mountain, The Seven Hermits, Toner Reservoir, and Woody Creek 7.5' quadrangles and the Howard and Minturn 15' quadrangles. 1969-1970.
- NO-06306 V.L. Freeman. Field notebook with descriptions of microscopic thin sections from samples taken in the Ruedi and Woody Creek 7.5' quadrangles and adjacent areas.
- NO-06307 V.L. Freeman. Field notebook with descriptions of microscopic thin sections from samples taken in the Ruedi and Woody Creek 7.5' quadrangles and adjacent areas.
- NO-06308 V.L. Freeman. Field notebook with descriptions of microscopic thin sections from samples taken in the Ruedi and Woody Creek 7.5' quadrangles and adjacent areas.
- NO-06309 Expandable envelope with 31 unannotated black and white aerial photographs covering the Ruedi and Woody Creek 7.5' quadrangles and adjacent areas. 1960 survey.
- NO-06310 Expandable envelope with four folders:
- Folder 1. Group of six sheets of notes and sketches related to sandstones in the Fryingpan River area.
 - Folder 2. Group of notes and correspondence related to the geology of the Woody Creek 7.5' quadrangle, including river gravels and olivine basalts.
 - Folder 3. Group of sheets with sample analysis data and laboratory analysis and thin section request forms related to field investigation of the Ruedi and Woody Creek 7.5' quadrangles.
 - Folder 4. Group of notes, research materials, and correspondence related to fossil occurrences in the Ruedi and Woody Creek 7.5' quadrangles, specifically the algae *Rivularites permiensis*.
- MA-00987 Map folder with 13 items:
- Twelve groups of sheets with graphs showing x-ray diffraction data for samples taken in the Ruedi and Woody Creek 7.5' quadrangles and adjacent areas.
 - Folder with group of notes, sketches, and other data related to x-ray diffraction data for sample taken in the Ruedi and Woody Creek 7.5' quadrangles and adjacent areas.
- MA-00988 Map folder with 48 items:

- One annotated copy, each (except as noted), of the Aspen, Basalt (2 copies), Boreas Pass, Highland Peak, Red Creek, Stony Ridge, Storm King Mountain, Suicide Mountain, The Seven Hermits, Toner Reservoir, Wolcott, and Woody Creek 7.5' quadrangles.
- Copy of the Leadville 1 x 2-degree quadrangle, with annotations.
- Annotated reproduction, on drafting film, of the Red Creek 7.5' quadrangle, sectioned into six pieces for field use.
- Annotated reproduction, on drafting film, of the Ruedi 7.5' quadrangle, sectioned into six pieces for field use.
- Annotated reproduction, on drafting film, of the Toner Reservoir 7.5' quadrangle, sectioned into six pieces for field use.
- Annotated reproduction, on drafting film, of the Woody Creek 7.5' quadrangle, sectioned into six pieces for field use.
- Annotated reproduction, on drafting film, of the Mount Jackson 1 NW (later renamed Crooked Creek Pass) 7.5' quadrangle, sectioned into five pieces for field use.
- Annotated reproduction, on drafting film, of the Mount Jackson 1 SW (later renamed Meredith) 7.5' quadrangle, sectioned into five pieces for field use.

Published as: U.S. Geological Survey. Open-file report 70-130. 1970.

Published as: U.S. Geological Survey. Professional paper 750-D. 1971.

Published as: U.S. Geological Survey. Bulletin 1324-F. 1971.

Published as: U.S. Geological Survey. Geologic quadrangle map GQ-967. 1972.

Published as: U.S. Geological Survey. Geologic quadrangle map GQ-1004. 1972.

Published as: Rocky Mountain Association of Geologists Guidebook 28. 1977.

GEOLOGY OF THE RANCHOS DE TAOS 7.5' QUADRANGLE, TAOS COUNTY, NEW MEXICO. 1970.

- NO-06297 Expandable envelope with three folders:
- Folder 1. Field notebook with geologic notes and sketches and sample data related to field investigations in the Cerro Vista, Ranchos de Taos, Shady Brook, and Tres Ritos 7.5' quadrangles.
 - Folder 2. Three sheets with project description and budget proposal for mapping the Ranchos de Taos 7.5' quadrangle.
 - Folder 3. Group of 18 unannotated black and white aerial photographs covering the Ranchos de Taos 7.5' quadrangle and vicinity. 1961 survey.
- MA-00986 Map folder with ten items:
- One annotated copy, each, of the Cerro Vista, Ranchos de Taos, Shady Brook,

- and Tres Ritos 7.5' quadrangles.
- Copy of the Ranch de Taos 7.5' quadrangle, reproduced on drafting film and sectioned into six pieces for field use, with annotations.

MINERAL RESOURCE POTENTIAL OF THE MAROON BELLS-SNOWMASS WILDERNESS AND ADDITIONS, GUNNISON AND PITKIN COUNTIES, COLORADO. 1974-1976.

- NO-06298 V.L. Freeman. Field notebook with geologic notes and sketches and sample data related to field investigations in the Glenwood Springs 7.5' quadrangle and other areas in Gunnison and Pitkin Counties. 1975.
- NO-08026 Archival box with group of approximately 800 5 x 7-inch index cards with sample data related to field investigation of the Maroon Bells-Snowmass Wilderness and adjacent wilderness study areas. 1974-1975.
- NO-12024 Expandable envelope with draft copy of an unpublished 57-page report, with appendices, entitled "Mineral investigation of the Maroon Bells-Snowmass Wilderness and three adjacent Wilderness Study Areas, Gunnison and Pitkin Counties, Colorado", by R.C. Weisner and C.L. Bieniewski, U.S. Bureau of Mines. Also included is miscellaneous correspondence related to the report. 1982.
- NO-12025 Expandable envelope with draft copy of an unpublished 229-page report, with accompanying plate, entitled "Mineral resources of the Maroon Bells-Snowmass Wilderness and proposed additions to the Maroon Bells-Snowmass Wilderness", by R.C. Weisner and J.A. Tony Fallin, U.S. Bureau of Mines. No date.

Published as: U.S. Geological Survey. Professional paper 1300. 1984.

Published as: U.S. Geological Survey. Miscellaneous field studies map MF-1647-A. 1985.